

ABSTRACT OF THE DISCLOSURE

An electrolytic cell with electrodes on which special materials are deposited to produce heat energy in excess of input energy supplied in the form of electric power. Heat producing deposits are deposited on a cathode before it is placed in the heat-producing cell. In preferred embodiments palladium and gold particles in any combination are applied to a platinum cathode. These prepared cathodes produce excess power when electrolyzed within an electrolytic cell containing heavy water in which LiOD is dissolved. This specification describes how the energy amplification conditions can be created at will, with complete reproducibility. The process results in excess power very soon after electric power is applied to the device as compared to prior art experiments in which the excess power is detected only after a long period of electrolysis.